

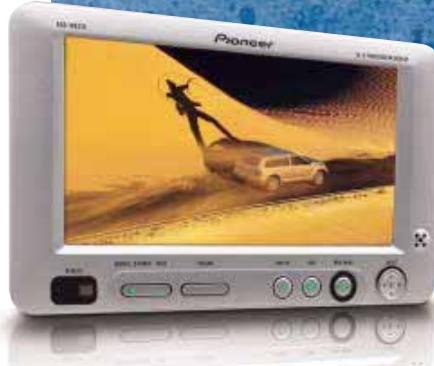
Pioneer sound.vision.soul

IN-CAR MULTIMEDIA/NAVIGATION

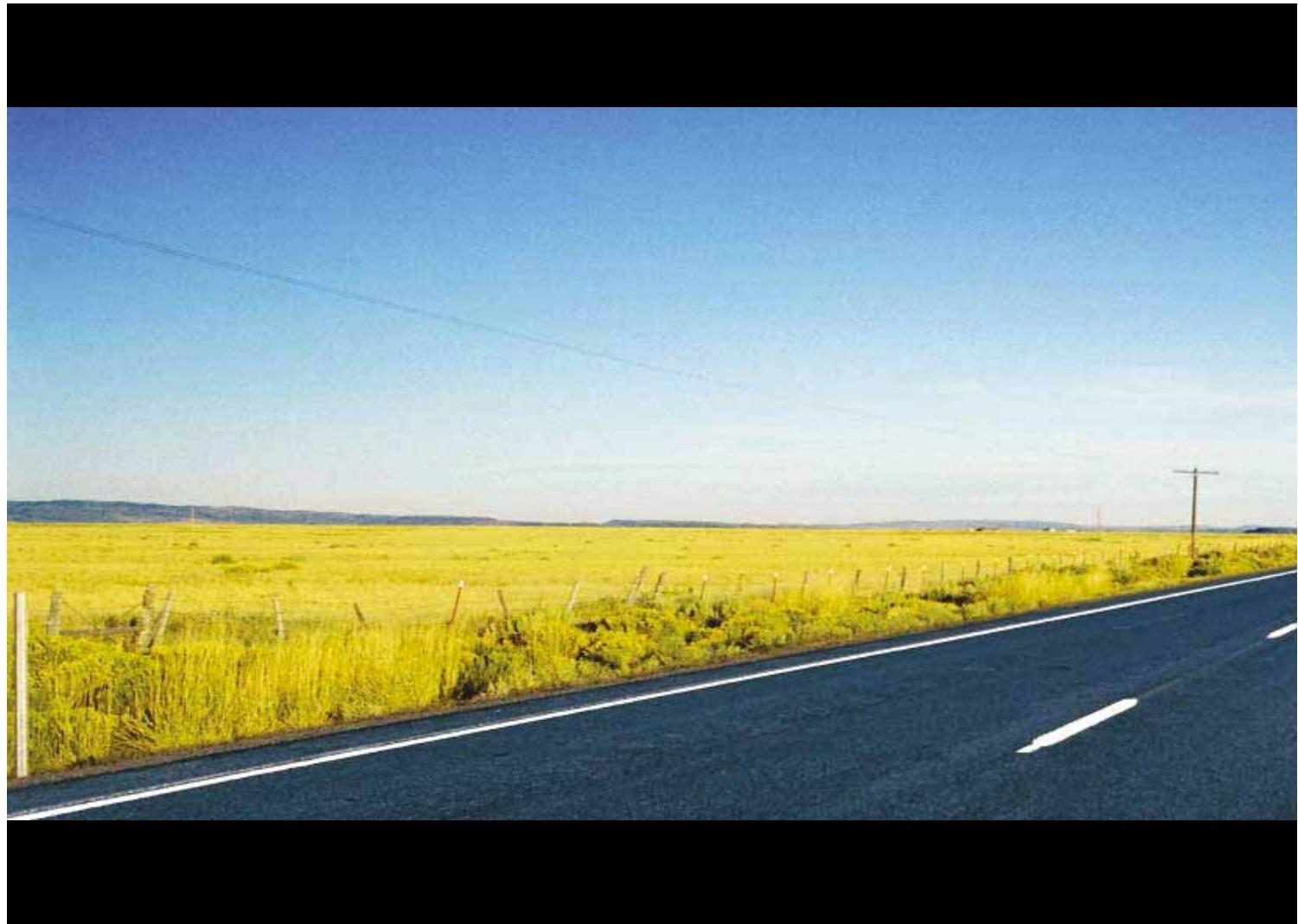
2005



The Right Track



The Fast Lane

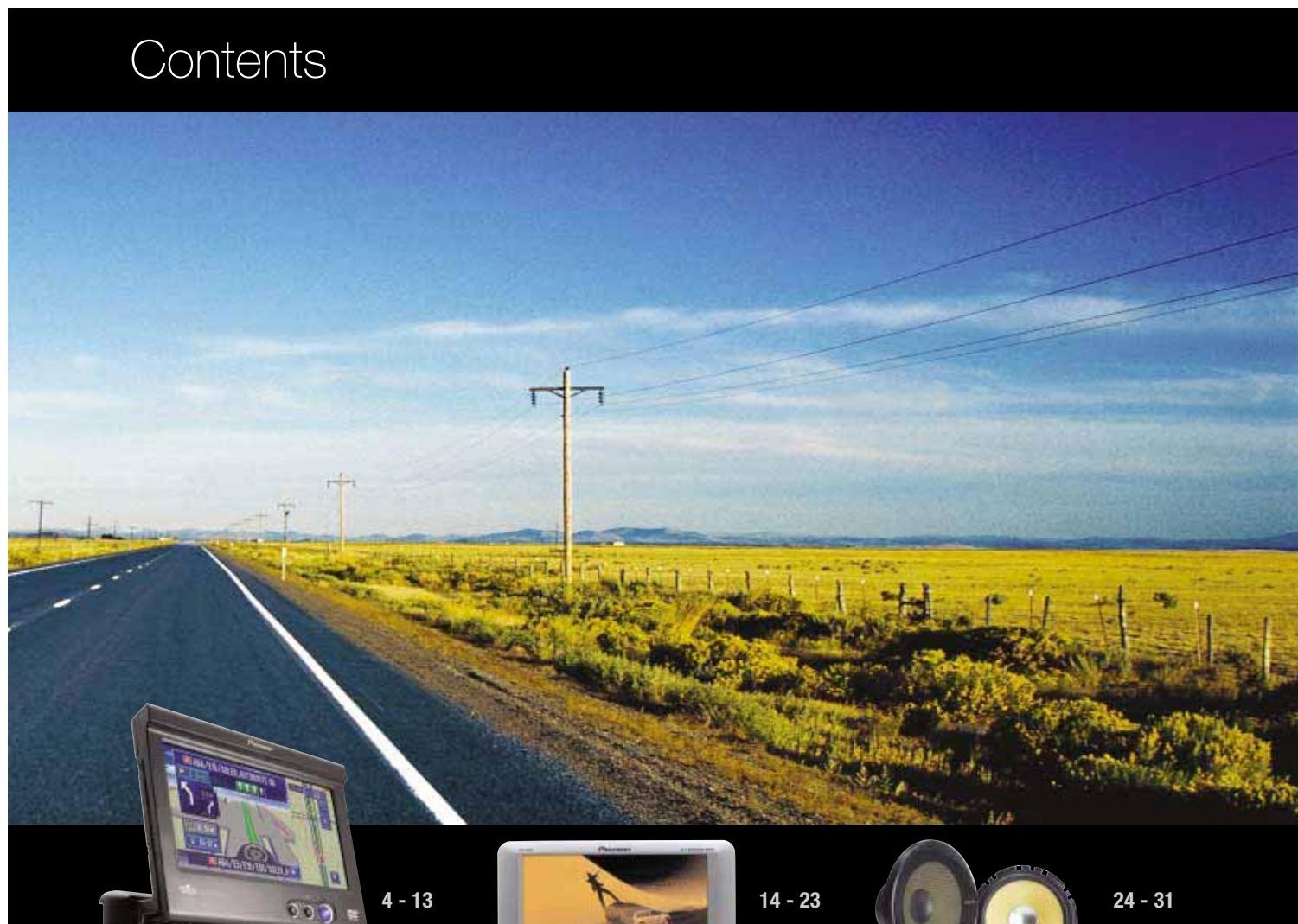


Driving is more than simply riding in a car and looking out the window. It's more than getting lost when you're pressed for time... Pioneer takes care of that 'more'. As true innovators, we offer you the most advanced technologies and practical applications to truly enjoy driving.

Are you looking for a state-of-the-art navigation system or simple directions along the way? Do you wish to listen to the radio or enjoy a fully integrated in-car cinema system? Turn to Pioneer to live life in the fast lane.

From straightforward directions and clear imagery over superb sound, years of experience have made Pioneer what it is today: the overall leader in in-car audio, navigation and entertainment systems.

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AV/NAVIGATION SOLUTIONS

- All-in-one Solutions
- AV/NAVI System Solutions
- DVD Navigation Solutions
- Cyber Navi Software

PURE AV SOLUTIONS

- AV Headunits
- Multimedia Units
- LCD Screens

EXTRAS

- In-car Integration
- Other Pioneer Products
- Accessories
- Specifications
- Glossary

TOTAL IN-CAR AV/NAVIGATION SOLUTIONS



Left Right

Any city, town or hamlet; any street or house number; any postal code... Anywhere you want to go, any way you want to get there. Pioneer takes in-car navigation to the next level. Combine design, quality, precision, ease of use, clear guidance, enhanced functionalities and you obtain Pioneer's award winning DVD navigation systems.

We take you further with over 1.6 million points of interest, touch panel operation and display, fast calculation, accurate positioning, complete vehicle dynamics monitoring, real time traffic message channelling with auto-rerouting, the whole of Europe on one DVD... The choice is yours. From pure navigation up to an all-in-one integrated DVD-Video, navigation, CD-RDS tuner system.

Pioneer: a clear view on the road ahead... and beyond.





NEW

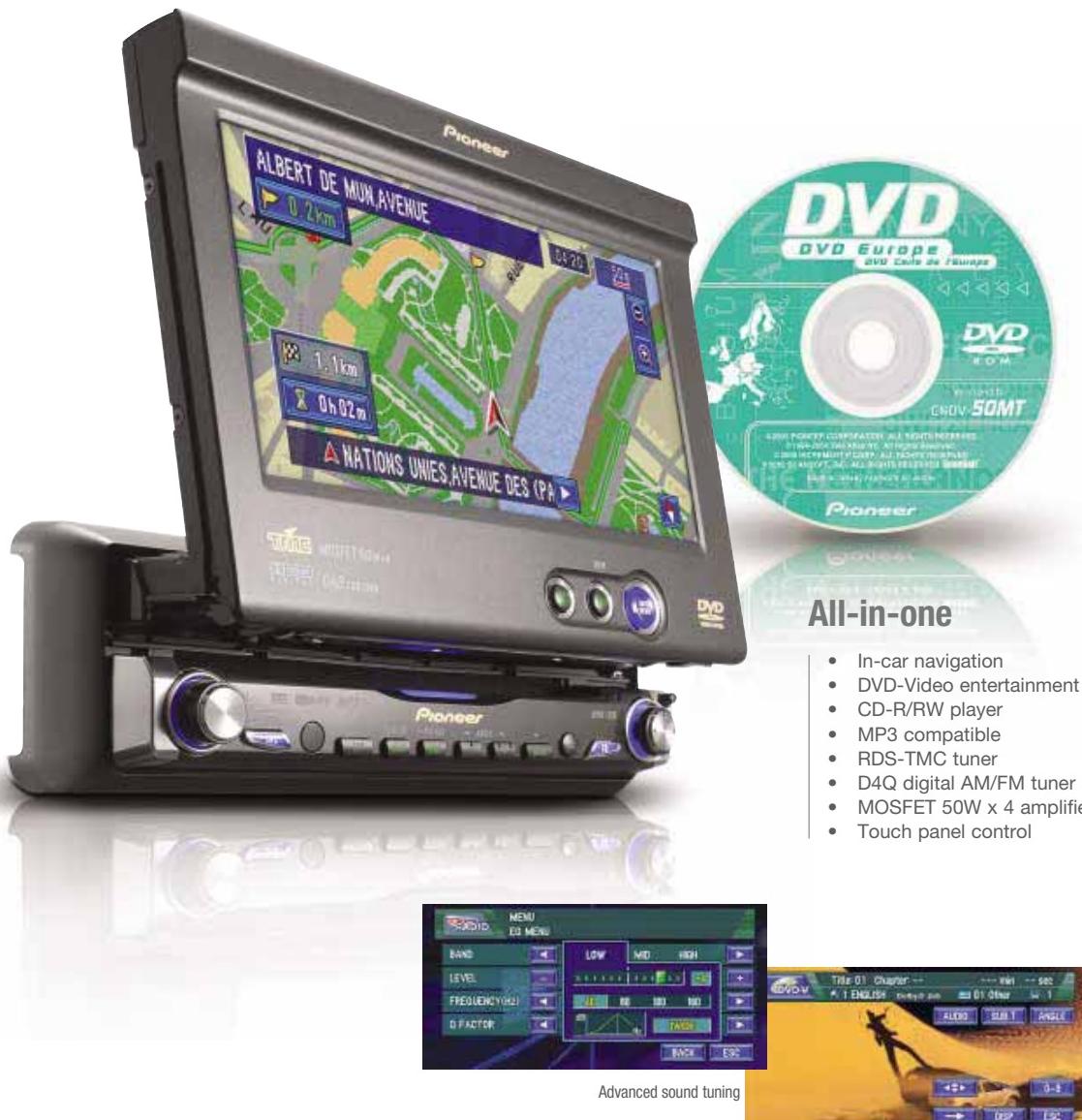
Ready for
iPod

AVIC-X1R

DVD Navigation AV Headunit

With the AVIC-X1R, Pioneer breaks the barriers of award winning technology. This unit has it all: advanced navigation combined with video and audio entertainment in an eye-catching design. Relax to the sound of a CD of your choice while being safely guided to your destination. The AVIC-X1R is guaranteed optimum driving pleasure.

While your rear seat passengers watch their favourite DVDs, you can enjoy the best navigation tools, listen to the latest CDs, tune in to your local radio station or play your collection of MP3s. AVIC-X1R: superb navigation with complete in-car entertainment.



All-in-one

- In-car navigation
- DVD-Video entertainment
- CD-R/RW player
- MP3 compatible
- RDS-TMC tuner
- D4Q digital AM/FM tuner
- MOSFET 50W x 4 amplifier
- Touch panel control

Advanced sound tuning

Full DVD-Video control



Tuned to perfection

- D4Q digital interference free AM/FM RDS tuner
- High power amplification (MOSFET 50W x 4)
- Optimum sound tuning (EEQ+, SLA, EQ-EX)
- Superb audio configuration (3 RCA Pre-Outs)
- DVD/CD/MP3 playback
- Hook-up iPod (via CD-IB100), camera, games console, multi-CD player, TV tuner, additional screens etc.
- Dual Zone operation with front video and rear AV output

The future of navigation

- Uninterrupted guidance with memory navigation
- Fast (re-)routing calculation
- Combined GPS + 3-D Gyro positioning precision
- Search address, detailed postal code or points of interest
- Integrated traffic message channel (TMC)

- Highest coverage of Europe on 1 DVD with 31 high definition city maps
- Voice control possible with optional Voice Command Pack (CD-VC1)
- Voice guidance (in 10 languages)

Control at your fingertips

- Slim 6.5" LCD fully motorised wide screen touch panel display
- Controls all functions and add on units
- Easy to use interface in a language of your choice
- Complete vehicle dynamics monitoring
- Anti Glare, Low Reflection
- Rear view camera input



Integrated on screen source control



Features

BUILT-IN NAVIGATION UNIT

- 32-bit RISC CPU
- Exclusive Graphic Accelerator for smooth line drawing
- Europe on one DVD-ROM disc
- Advanced and super fast (re-)routing
- Voice recognition with optional Voice Command Pack (CD-VC1) (6 languages support: English, German, French, Italian, Dutch/Flemish, Spanish, Danish, Swedish, Portuguese and Norwegian)
- Selectable voice guidance channel (L, R, or L+R)
- 6 view modes: Map Mode, Driver's View, Mixed Mode, Street List Mode, Vehicle Dynamics and Rear View
- Memory Navi for simultaneous navigation and AV entertainment
- Built-in GPS receiver
- Built-in 3-D Gyro positioning sensor
- Built-in RDS-TMC tuner for real time traffic information
- Background picture customisation via CD-ROM

DISPLAY

- Fully motorised high quality 6.5-inch TFT active matrix LCD colour display with Anti Glare technology
- Touch panel operation
- Auto dimmer control
- Picture adjustment
- Adjustable viewing angle (50° - 110°)
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)
- 10-character sub display
- PAL/NTSC Colour System

BUILT-IN DVD/CD/MP3 PLAYER

- DVD-Video, DVD-R/DVD-RW, CD/CD-R/CD-RW/MP3 playback – even while navigating
- Built-in linear PCM/Dolby Digital decoder
- Region Number: 2

DVD CAPABILITIES

- DVD-Video playback with Direct Search: Title/Chapter/Time, Next/Previous Chapter, Fast Forward/ Reverse, Pause, Chapter Repeat, Condition Memory (30 discs)
- Resume play

CD CAPABILITIES

- CD playback with Track Search/Scan/Pause/Repeat Random Play, CD Text, List Search
- 96kHz/24-bit DAC
- 24-bit D/A converter
- Fast Forward/Reverse
- Track manual search
- Auto MP3 file/CD track display
- MP3 ID3 tag data display

TUNER

- Adaptive RDS (PL, PS, AF, TP/TA)
- PTY (search and alarm)
- Station name list (PS)
- NEWS interrupt feature
- Radio Text
- D4Q Digital AM/FM tuner

AUDIO/VISUAL

- 1 RCA AV input
- 1 RCA AV rear output
- 1 auto switching video input for rear view camera
- Dual Zone operation
- IP-Bus control for adding TV tuner/multi-CD player/DAB tuner/AUX/EXT 1&2
- AV-Bus control for (PAL) TV tuner/multi-DVD player/ single-DVD player

AUDIO

- MOSFET 50W x 4 amplifier
- Optimum sound reproduction for in-car entertainment: built-in EEC (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, Source Equalisation memory, 3-mode loudness and HPF/LPF network
- EQ-EX
- Direct Sub Drive
- Source Level Adjuster
- Fader
- 3-channel RCA Pre-Outs (front + rear + subwoofer)

GENERAL

- Multi-CD/Source TV/DAB tuner/Source DVD control
- External unit control via IP-Bus
- AUX-In
- Wired remote control ready
- BGV selectable
- Selectable background pictures
- ISO connector
- Rotary volume
- Removable front panel
- Dual button illumination (green/red)
- Cellular telephone auto muting

DVD-ROM NAVIGATION DISC: CNDV-50MT

- Application programme and map data on 1 DVD disc
- Coverage area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Portugal, Denmark, Sweden, Finland, Norway, Ireland (= Dublin, Cork, Galway, Limerick and selected motorways), Czech Republic, Monaco, Liechtenstein, Andorra, San Marino, The Vatican
- 31 city maps: Vienna, Antwerp, Brussels, Bruges, Ghent, Liege, Copenhagen, Lyons, Marseilles, Paris, Berlin, Bonn, Cologne, Düsseldorf, Frankfurt, Hamburg, Munich, Potsdam, Rostock, Schwerin, Stuttgart, Milan, Rome, Amsterdam, Rotterdam, Utrecht, The Hague, Barcelona, Madrid, Stockholm, London



NEW

Ready for
iPod

AVIC-991HVT

Multi Channel DVD AV/Navigation Solution with DVD-Audio Playback & Touch Panel Operation

Cinema image quality and sound, state-of-the-art navigation, complete playback compatibility, digital audio processing: this integrated AV/NAVI system solution offers an endless array of possibilities for top-of-the-range in-car entertainment

and navigation. Personalise your way of driving on all levels. Easy installation, logical operation, great design, this package offers you all you could ever dream of.



AVIC-991HVT consists of: *

- AVH-P7500DVDII (see page 16)
- AVIC-800DVD (see page 11)
- CNDV-50MT (see page 12)



Full scope of possibilities

- In-car navigation
- DVD-Video/Audio
- DVD-R/RW; CD-R/RW; MP3 player
- 7" slim motorised wide screen touch panel display
- D4Q digital interference free AM/FM RDS tuner
- Digital sound processor for complete sound customisation
- Built-in DSP with Auto EQ and Auto Time Alignment
- Seamless expansion possibilities
- Voice guidance (in 8 languages)



* Please refer to the pages indicated for further details.

Ready for
iPod

NEW

AVIC-810HVT

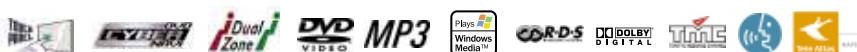
DVD AV/Navigation Solution with Touch Panel Operation

Obtain unmatched navigation power while enjoying a wealth of audio-visual in-car entertainment. Benefit from state-of-the-art navigation with touch panel operation for instant access and experience a variety of entertainment formats

including DVD/CD/MP3/WMA/Radio playback. This package guides you to your destination throughout Europe and entertains you at the same time. Know where you're going and get there in style.

AVIC-810HVT consists of:^{*}

- AVH-P5700DVD (see page 18)
- AVIC-800DVD (see page 11)
- CNDV-50MT (see page 12)



For all desires

- In-car navigation
- DVD-Video/Video-CD/CD/MP3/WMA playback
- DVD-R/RW and CD-R/RW compatible
- D4Q digital interference free AM/FM RDS tuner
- 6.5" slim motorised wide screen touch panel display
- High power amplification (MOSFET 50W x 4)
- Optimum sound tuning (EEQ+, SFEQ, SLA)
- Seamless expansion possibilities
- Voice guidance (in 8 languages)



* Please refer to the pages indicated for further details.

NEW

AVIC-610T

DVD Navigation Solution

Still think a navigation system is difficult to operate and takes up a lot of dashboard space? The AVIC-610T package provides proof to the contrary. With its easily accessible 6.5" LCD touch screen on-dash display, this in-car driving companion is a breeze to operate. And it does not affect your

dashboard space as the hide away unit of this system fits discreetly under your seat or in the boot. Your security is thought of too: the quick-release mechanism allows one touch removal. Pioneer: stay on course in style.



AVIC-610HVT consists of:^{*}

- AVIC-800DVD (see page 11)
- AVD-W6210 (see page 23)
- CNDV-50MT (see page 12)



* Please refer to the pages indicated for further details.

Personal travel guide

- Complementing DVD navigation package
- Advanced navigation at your fingertips
- 6.5" wide screen touch panel display
- Keep your existing tuner/CD player
- Completely compatible
- Uses no room in dashboard
- 2 AV inputs (composite), 1 AV output (composite)
- Voice guidance (in 8 languages)



AVIC-800DVD

DVD Navigation Unit

You have already installed an in-car audio/AV system? Combine it with this add-on navigation unit and enjoy all the extras this co-pilot has to offer. Pair it with a touch panel display (AVX-7600 or AVD-W6210) and obtain a pure navigation system. Match it with one of the AV headunits

(AVH-P7500DVDII or AVH-P5700DVD) and create a complete audio-visual navigation system. Practical and exciting.

Pioneer brings together logical control, search functions, fast calculation and guidance modes. You enjoy the ride.



Versatile benefits

- Search address, postal code or points of interest
- Fast route (re-)calculation
- 4 viewing modes
(Map Mode, Street List Mode, Mixed Mode, Driver's View)
- Highest coverage of Europe on 1 DVD with 31 high definition city maps
- Combined GPS + G-force sensor positioning precision
- Integrated traffic message channel
- With standard steering wheel remote
- Built-in PC-card slot
- Voice command control (6 languages)
- Voice guidance (in 8 languages)



Features

NAVIGATION UNIT

- 1-DIN or hide-away installation
- Voice recognition (6 languages support: English, German, French, Italian, Dutch, Spanish)
- Voice guidance and display menu (8 languages support: English, German, French, Italian, Dutch/Flemish, Spanish, Danish and Swedish)
- 32-bit RISC CPU
- Exclusive Graphic Accelerator for smooth line drawing
- Super-fast operation route calculation
- Built-in RDS-TMC tuner for traffic information
- Built-in hybrid sensor (G-force sensor) for distance correction on slopes
- Built-in GPS receiver
- Guidance modes (Map Mode, Street List Mode, Mixed Mode, Driver's View)
- PC Card slot built-in (Type II)
- Speaker out (8Ω miniplug out) for voice guidance (CD-TS37GP)

ACCESSORIES

- Voice recognition microphone
- GPS antenna: waterproof, on-dash/roof mounting
- Power cable
- RGB cable to connect AVH series
- Steering wheel remote control

DVD-ROM NAVIGATION DISC: CNDV-50MT

- Application programme and map data on 1 DVD disc
- Coverage area: UK (incl. Northern Ireland), Germany, France, Italy, Benelux, Austria, Switzerland, Spain, Portugal, Denmark, Sweden, Finland, Norway, Ireland (= Dublin, Cork, Galway, Limerick and selected motorways), Czech Republic, Monaco, Liechtenstein, Andorra, San Marino, The Vatican
- 31 city maps: Vienna, Antwerp, Brussels, Bruges, Ghent, Liege, Copenhagen, Lyons, Marseilles, Paris, Berlin, Bonn, Cologne, Düsseldorf, Frankfurt, Hamburg, Munich, Potsdam, Rostock, Schwerin, Stuttgart, Milan, Rome, Amsterdam, Rotterdam, Utrecht, The Hague, Barcelona, Madrid, Stockholm, London

Search

You know where you're going. Let Pioneer lead the way. With the easy search interface and predicted text input you can look up any address or detailed postal code. Cities, towns or hamlets, from the biggest highway to the smallest alley, we get you there. Choose the fast or the short route, with or without detours.

Do you like the highway or prefer the scenic route? Pioneer puts you in control. What was that address again? All your recent searches are stored in memory for fast retrieval.

Fancy a shopping spree or a game of golf? Need medical assistance or a car repairman? Which cuisine do you feel like tonight? Pioneer's 2005 DVD takes you to over 1.6 million points of interest. Restaurants, petrol stations, hospitals, airports...

Drop yourself off directly on their doorstep. Feel like discovering the hidden beauty of your surroundings? With vicinity search, all the information you need is at your fingertips.



POI search



Postal code search



Address search

Coverage

One DVD disc, 8.3GB of information, 22 countries: Pioneer's **CNDV-50MT MAP** DVD offers you the best coverage on the market. The latest Tele Atlas database compressed onto 1 DVD.

Interested in a city trip to London? Or maybe you prefer Milan, Vienna, Paris, Bruges or Copenhagen? Pioneer's MAP DVD also incorporates 31 city maps detailing building contours, parks and lakes. All you have to do is drive and enjoy the ride.

DVD Map + TMC/ITMC Coverage *

DVD Map Partial Coverage

* Detailed City Map

* Traffic information feature subject to governmental or private service and/or license if applicable



Find

Which route? This street? That turn? The next exit? Needless questions thanks to Pioneer. With easy, detailed, on time directions adapted to the local traffic system, you can relax and quickly reach your destination.

AVIC-800DVD offers 4 viewing modes, the AVIC-X1R does even better with 6. The choice is yours. Driver's View gives you a realistic 3-D view of the road ahead. Map Mode follows your car from above in a wide range of zoom scales.

You can automatically zoom in on intersections, receive a listing of consecutive manoeuvres or keep an eye on the road behind you (with optional rear view camera ND-BC1). 'Due to a serious accident, a long traffic jam is building up along the...' Sounds familiar? With intuitive traffic message channelling, you instantly obtain an alternative route and avoid any unnecessary delays. Missed a turn? The navigation unit automatically rethinks the route to get you back on track.



View Mode selection



Map Mode



Mixed Mode



Driver's View



Street List Mode



Vehicle Dynamics Mode



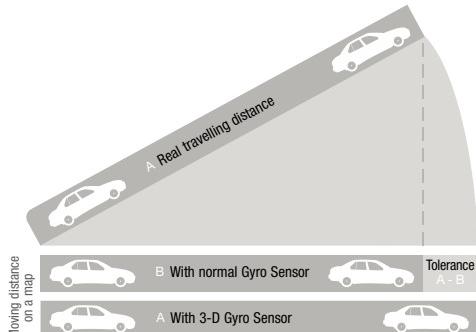
Rear View

Positioning

Keep a close eye on your car, even when GPS is on a break. Pioneer's unique 3-D Gyro and G-force sensor monitor your vehicle's every movement, turn and acceleration within horizontal and vertical plains.

When driving between high rise and closely knit buildings, inside tunnels, mountain ranges or car parks, the system recalculates your exact position taking into account all angles.

GPS only goes so far... Pioneer takes it all the way.



3-D Gyro Sensor for pinpoint accurate navigation calculations

PURE AV SOLUTIONS



Give Way

View the world from a different angle. Get all the audio-visual options you could possibly wish for to keep you and your passengers more than entertained. Create your own cinema on wheels and watch the latest DVD-movies or TV-shows. Hook up camcorders and videogames. Together with the motorised LCD screens and optional screens for all your passengers, you can enjoy superior in-car image quality combined with high performance Pioneer engineered sound.

From DVD-Audio/Video, CDs and MP3s over touch panel controls and separate models to a complete integrated system: Pioneer delivers everything you need to customise your entertainment. See it, hear it, feel it.

Give way to the future of in-car entertainment.



Radio
DAB
D4Q
Disc Title
5.1 CHANNEL SURROUND SOUND
MOSFET 50W x 4
Built-in DSP
Full DAB SOURCE CONTROL

Aux-In
SLA
6 RCA PREOUTS
Hi-Volt

IP-BUS CONTROL
TV CONTROL
DVD SOURCE CONTROL

NEW

Ready for
iPod

AVH-P7500DVDII

Multi-channel DVD AV Headunit

The AVH-P7500DVDII stands for in-car audio-visual entertainment to the max. Love the cinema? Watch your favourite DVDs on the 7" wide screen touch panel display. For the greatest sound experience available, play DVD-Audio. The 5.1-channel surround sound and digital

audio processing truly do the stars justice. With a versatile range of audio formats, full expansion possibilities and restyled clear Graphical User Interface (GUI), this unit lets you enjoy true cinema entertainment of the highest AV quality.



Versatile benefits

- Complete in-car cinema quality experience
- DVD-Video/Audio
- DVD-R/RW; CD-R/RW; MP3 player
- 7" slim motorised wide screen touch panel display
- D4Q digital interference free AM/FM RDS tuner
- 5.1-channel surround sound + Auto EQ + Auto Time Alignment
- Digital Sound Processor (DSP) for complete sound customisation
- Easy installation and operation
- Detachable front panel for added security

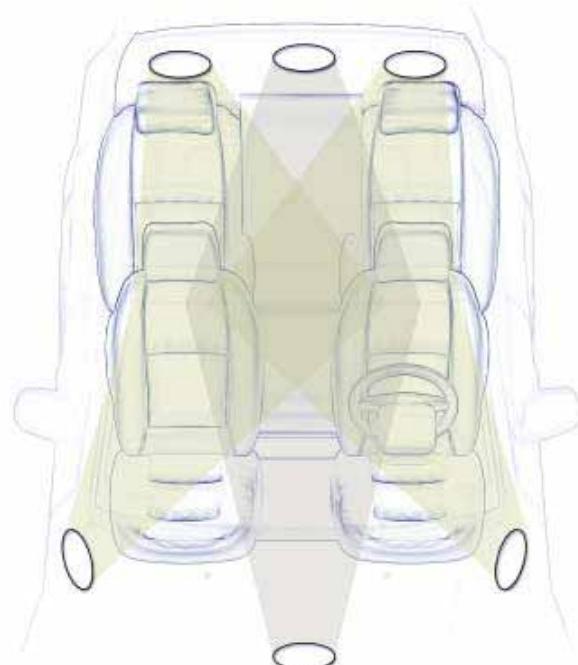
Cinema on wheels

- Complete playback options
- Dual Zone operation with front video and rear AV output
- Seamless integration with additional units (DVD navigation AVIC-800DVD, TV tuner GEX-P5700TVP, multi-DVD player XDV-P9-II, etc.)

- Anti Glare, Low Reflection TFT active matrix display
- Back-up camera input (for rear view camera ND-BC1)



Audio menu: EQ settings



In-car 5.1-channel surround sound



Features

MULTI-CHANNEL DVD AV HEADUNIT

- Pioneer Graphical User Interface (GUI) with full-colour virtual reality graphics

DISPLAY

- 7-inch wide TFT active matrix LCD colour display
- Touch panel operation
- High quality AGLR (Anti Glare, Low Reflection) coating
- Picture Adjustment
- Fully motorised display with auto dimmer and free-adjustable viewing angle (50° - 110°)
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)

BUILT-IN DVD/CD/MP3 PLAYER

- DVD-Audio/DVD-Video/Video-CD/MP3 CD player
- 5.1-channel surround sound capability:
 - Built-in linear PCM/MPEG-A/DTS/Dolby Digital/Dolby Pro Logic II decoder
 - 6-channel DAC & 6-channel DSP
 - Digital Sound Field Control (SFC) for multi-channel sources (Musical/Drama/Action/5D Theatre)
- DVD-R/DVD-RW (Video format), V-CD and CD-R/CD-RW playback
- Region number: 2

DVD CAPABILITIES

- DVD-Audio/DVD-Video/Video-CD playback with Direct Search Chapter/Track, Next/Previous Chapter/Track, Fast Forward/Reverse, Pause, Track/Chapter Repeat, Condition Memory (30 discs), Playback Control (Video-CD only), Direct Search Title/Group, Time Direct Search, Scan, Digital Direct

CD CAPABILITIES

- CD playback with Track Scan/Pause/Repeat, Random Play, CD Text, List Search MP3/CD-R/CD-RW/CD-ROM
- 96kHz/24-bit DAC
- 24-bit D/A converter
- Fast forward/reverse
- Track Search/Scan/Repeat
- Track/Manual search
- Last Position Memory
- Disc Title Memory

TUNER

- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- News interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- BSA (Best TP Station Auto Search)
- High speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 6-band 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- PAL/NTSC compatible RGB input
- 1 RCA AV input
- 1 RCA AV output for rear entertainment
- 1 RCA Audio output for rear entertainment
- Rear view camera input (for ND-BC1)
- RGB input for navigation system or AVG-VDP1
- AV Bus input
- 10-bit DAC (Video)
- 24-bit DAC (Audio)

AUDIO

- MOSFET 50W x 5 max. output power (watts)
- 5 x 27W DIN output power watts (DIN 45324, +B = 14.4V)
- Optimum sound reproduction for in-car environment:
 - Built-in EEO (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, Source Equalisation Memory, and HPF/LPF network
 - Built-in DSP (Digital Sound Processor) with multi-channel Auto-EQ, 13-band graphic equaliser, Auto Time Alignment and optimum down mix for normal speaker layout
- Source Level Adjuster
- Fader
- Spectrum analyser
- Level indicator
- 6-channel Hi-Volt (5V) RCA Pre-Outs (FR + FL + RR + RL + centre + subwoofer)

GENERAL

- iPod adapter ready
- Multi-CD control
- ITS (Instant Track Selection) for MCD
- Source TV control
- DAB tuner control
- Source DVD control
- External unit control via IP-Bus
- AUX-In
- Standard remote control
- ISO connector
- Rotary volume
- Removable front panel with safety warning beep
- Cellular telephone auto muting
- Flexible angle installation (0° - 60°)

Ready for
iPod

NEW

AVH-P5700DVD

DVD AV Headunit

Allow yourself to enter a whole new world of visual in-car entertainment. The AVH-P5700DVD combines the most advanced technologies and sound tuning with the latest in design. Use this AV control centre to watch recent DVDs,

listen to trendy CDs or tune in to your local radio station. The 6.5" motorised touch panel gives your dashboard that extra touch of luxury. Combine with any Pioneer multimedia unit or simply enjoy its pure benefits, it's up to you.



Optional remote control CD-R5

Versatile benefits

- CD-R/RW, (video format) player
- Video-CD/MP3/WMA compatible
- D4Q digital interference free AM/FM RDS tuner
- 6.5" slim motorised wide screen touch panel display
- High power amplification (MOSFET 50W x 4)
- EEQ+ Equaliser with HPF, LPF & EQ-EX
- Connectable to iPod (via CD-IB100), Vehicle Dynamics Processor (AVG-VDP1), TV tuner (GEX-P5700TVP), Digital Sound Processor (DEQ-P6600), multi-DVD player (XDV-P9-II) etc.



Features

DVD AV HEADUNIT

- Pioneer Graphical User Interface (GUI) with full-colour virtual reality graphics

DISPLAY

- 6.5-inch wide TFT active matrix LCD colour display
- Touch panel operation
- High quality AGLR (Anti Glare, Low Reflection) coating
- Picture adjustment
- Fully motorised display with auto dimmer and free-adjustable viewing angle (50° - 110°)
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)

BUILT-IN DVD/CD/MP3 PLAYER

- DVD-Video/Video-CD/MP3/WMA CD player
- Built-in Linear PCM Dolby Digital decoder
- DVD-R/DVD-RW (video format only) and CD-R/CD-RW playback
- Region number: 2

DVD CAPABILITIES

- DVD-Video/Video-CD playback with Direct Search Chapter/Track, Next/Previous Chapter/Track, Fast Forward/Reverse, Pause, Track/Chapter Repeat, Condition Memory (30 discs), Playback Control (Video-CD only), Direct Search Title, Time Direct Search, Scan, Digital Direct

CD CAPABILITIES

- CD playback with Track Scan/Pause/Repeat, Random Play, CD Text, List Search MP3/CD-R/CD-RW/CD-ROM
- 96kHz/24-bit DAC
- 24-bit D/A converter
- Fast forward/reverse

- Track Search/Scan/Repeat
- Track/Manual search
- Last Position Memory
- Disc Title Memory (for CD function only)

TUNER

- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- News interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- BSA (Best TP Station Auto Search)
- High speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

AUDIO/VISUAL

- PAL/NTSC/SECAM compatible RGB input
- 1 RCA AV input (1 for VCR, 1 for VCR or rear view camera ND-BC1)
- Rear view camera input (for ND-BC1)
- 1 RCA AV output
- 1 RCA Audio output for rear entertainment
- RGB input (for navigation system AVIC-800DVD) or Vehicle Dynamics Processor (AVG-VDP1)
- AV Bus input
- 10-bit DAC (Video)
- 24-bit DAC (Audio)

AUDIO

- MOSFET 50W x 4 max. output power (watts)
- 4 x 27W DIN output power watts (DIN 45324, +B = 14.4V)

- Optimum sound reproduction for in-car environment:
 - Built-in EQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, Source Equalisation Memory, 3-mode loudness and HPF/LPF network
 - Built-in DSP (Digital Sound Processor) with multi-channel Auto-EQ, 13-band graphic equaliser, Auto Time Alignment and optimum down mix for normal speaker layout
- Source Level Adjuster
- Fader
- Spectrum analyser
- Level indicator
- 2-channel Hi-Volt (5V) RCA Pre-Outs (FR + FL + RR + RL + centre + subwoofer)
- 2 RCA Pre-Outs (F/R + subwoofer)

GENERAL

- iPod interface ready
- Multi-CD control
- ITS (Instant Track Selection) for MCD
- Source TV control
- DAB tuner control
- Source DVD control
- External unit control via IP-Bus
- Multi-channel surround sound ready (with DEQ-P6600 Digital Sound Processor)
- AUX-In
- Optional remote control
- ISO connector
- Rotary volume
- Partially removable front panel with safety warning beep
- Dual button illumination (green/red)
- Cellular telephone auto muting
- Flexible angle installation (0° - 60°)

NEW

AVG-VDP1

Vehicle Dynamics Processor

Forget your gauges. You can now monitor your car with GPS accuracy. Speed, voltage, RPM, lateral G, slope angle, direction, mileage, horse power: you name it, you can keep track of it. Thanks to an array of in-car sensors, your vehicle dynamics have no secrets. You can use the

background video to animate your drive or view your driving history. Various display modes are available and any Pioneer touch panel display* can be connected. Features are abundant and include auto calibration, built-in gyroscope sensor, destination input and point memory.



Features

- BASE PART**
- G-sensor
 - Gyroscope sensor
 - Dynamic GPS
 - GPS antenna
 - Speed sensor
 - Touch panel and remote operation
 - New remote control
 - Operation beep tone
 - Clock (from GPS)
 - GDC

DISPLAY

- 5 display modes (Analogue, Digital, Cyber, Virtual, Vehicle Status)
- Gauge: speed, RPM, voltage, lateral G, acceleration, slope angle, angular velocity, clock, longitude latitude, altitude, torque, horse power
- Other displays: date, ODO meter, trip meter, level meter, direction, direction/destination, distance/destination, my record
- Background view (BGV)

IN/OUT

- Audio input
- IP-Bus input and output
- 26-pin RGB output
- Speed sensor input
- Back sensor input

OTHERS

- Auto calibration
- One-day backup memory

* AVH-P7500DVDII, AVH-P7500DVD, AVH-P5700DVD, AVH-P6600DVD, AVD-W6210 or AVX-7600
(not in combination with a navigation unit or AVIC-X1R)



Ready for
iPod

DVH-P5000MP

High Power DVD/MP3 Tuner

The possibilities of audio and video are fascinating. This AV headunit combines them all and offers you all you have come to expect from Pioneer. Simply connect one of Pioneer's displays and first class AV in-car entertainment

is yours. With advanced sound tuning for music lovers and quality image control for cinema enthusiasts, Pioneer covers all angles.



Versatile benefits

- CD-R/RW, DVD-R/RW player
- Video-CD/MP3 compatible
- D4Q digital interference free AM/FM RDS tuner
- High power amplification (MOSFET 50W x 4)
- Advanced sound tuning
- Dual Zone operation with front Audio and rear AV output
- Connect a wide array of multimedia units



Features

TUNER

- Adaptive RDS (PI, PS, AF, TP/TA)
- PTY (Search and Alarm)
- News interrupt feature
- Radio Text
- D4Q digital AM/FM tuner
- BSA (Best TP Station Auto Search)
- High speed PLL synthesiser tuner
- PNS (Pulse Noise Suppressor)
- 24 presets
- BSM (Best Stations Memory)

DVD/CD/MP3 PLAYER

- DVD-Video/Video-CD/MP3 CD player
- DVD-R/DVD-RW and CD-R/CD-RW playback
- Region number: 2
- 10-bit D/A converter (Video)
- 24-bit D/A converter (Audio)

DVD CAPABILITIES

- DVD-Video/Video-CD playback with Direct Search Chapter/Track/Title/Group, Next/Previous, Fast Forward/Reverse, Pause, Track/Chapter Repeat, Condition Memory (30 discs), playback control (Video-CD only), Direct Search Title/Group/Chapter/Track/Time

CD CAPABILITIES

- CD playback with Track Scan/Pause/Repeat, Random Play, Disc Title Memory, CD Text, List Search
- 96kHz/24-bit DAC
- 24-bit D/A converter
- Fast forward/reverse
- Track Search/Scan/Repeat
- Track/Manual search
- Last Position Memory
- Disc Title Memory

AUDIO/VISUAL

- IP-Bus input
- Optical digital output
- RCA Audio output (L + R) for rear entertainment
- RCA Video output (front + rear)

AUDIO

- MOSFET 50W x 4 max. output power (watts)
- 4 x 27W DIN output power watts (DIN 45324, +B = 14.4V)
- Built-in EQ (Easy EQ) Plus system with 5-mode factory preset equaliser, 2 custom preset equalisers, 3-band parametric equaliser, Source Equalisation Memory, 3-mode Loudness, and HPF/LPF network
- SFEQ (Sound Focus Equaliser)

GENERAL

- Multi-CD control
- ITS (Instant Track Selection) for MCD
- Source TV control
- DAB tuner control
- Source DVD control
- External unit control via IP-Bus (2)
- AUX-In (with optional CD-RB20)
- Standard remote control
- ISO connector
- Digital clock
- Multi-colour LCD Display
- Flap-type front panel
- Removable front panel
- Cellular telephone auto muting
- Flexible angle installation (0° - 30°)

XDV-P9-II | Multi-DVD Player with Dolby Digital/DTS Digital Output

Turn your car into a full blown home theatre with this 6-disc multi player for DVD-Video, CD and Video-CD playback. You can pair it with an IP-Bus control headunit to enjoy any audio or video disc. Rear seat passengers are thought of too: the included remote eye allows stand alone use as a video system.

**SDV-P7** | Single-DVD Player with Digital Output

Movies or music? Obtain the best of both worlds with this single-DVD player supporting DVD-Video, CD, CD-R/RW and Video-CD. Hook it up to an IP-Bus control unit or simply use it as stand alone unit via remote control. Listening and viewing pleasure guaranteed.

**DEQ-P6600** | Component Digital Signal Processor (DSP)

Movie theatres no longer have the cinema surround monopoly. You can now even experience it in the comfort of your own car. This unit allows you to customise audio tuning to match your personal needs and indulge. Connect it to the AVH-P5700DVD or DVH-P5000MP and multi-channel audio processing receives a whole new meaning. Has a power cut disconnected the system? Not to worry, the one day back-up memory stores your settings.

**Features****XDV-P9-II**
MULTI-DVD PLAYER WITH DOLBY DIGITAL/DTS DIGITAL OUTPUT

- 6-disc DVD-Video/Video-CD/CD player
- Built-in MPEG 2/1 decoder
- 24-bit D/A converter
- Stand-alone use with optional remote and remote sensor for rear AV entertainment
- Optical digital output for multi-channel AV headunit (DTS/Dolby Digital/Dolby Pro Logic/Linear PCM)
- Analogue IP-Bus output for front + RCA output for rear
- RCA Video output (front + rear)
- GUI control with new OSD
- Region number: 2

SDV-P7
SINGLE-DVD PLAYER WITH DIGITAL OUTPUT

- DVD-Video/Video-CD/CD player
- Built-in MPEG 2/1 decoder
- 24-bit D/A converter
- DVD-R/DVD-RW and CD-R/CD-RW playback*
- Stand-alone use with standard remote and remote sensor for rear AV entertainment
- GUI control with new OSD
- Optical digital output for multi-channel AV headunit (DTS/Dolby Digital/Dolby Pro Logic/Linear PCM)
- IP-Bus Input/output
- AV-Bus output
- Analogue IP-Bus output for front + RCA output (L + R audio) for rear entertainment
- RCA Video output (front + rear)
- Joystick remote controller
- 1-DIN or hide-away installation
- Flap design with removable front panel
- White display illumination
- Region number: 2

DEQ-P6600
COMPONENT DIGITAL SIGNAL PROCESSOR (DSP)

- 5.1-multi-channel surround capability:
 - Linear PCM/Dolby Pro Logic II/DTS decoder
 - 6-channel DAC and built-in DSP
 - Digital Sound Field Control (SFC) for multi-channel sources (Musical/Drama/Action/Jazz/Hall/Club)
- Optimum sound reproduction for in-car environment:
 - Listening Position Selector with rear position (FR, FL, RR, RL, R, ALL, OFF)
 - Auto-EQ, Auto Time Alignment (0 - 500cm)
 - Optimised down mix for normal speaker lay-out
 - MOSFET 50W x 5 max. output power (watts)
 - IP-Bus In/Out
 - 6 RCA Pre-Outs (FR + FL + RR + RL + centre + subwoofer)
 - Parametric Equaliser (Flat/Super Bass/Powerful/Natural/Vocal/Custon1/Custon2)
 - 24 bit D/A converter
 - Cellular telephone muting

* Can play DVD-R/DVD-RW discs recorded in video format (Video Mode) only. Cannot play DVD-RW recorded in video recording format (VR Mode).

GEX-P5700TVP | Hide-away PAL/SECAM TV Tuner



Optimal TV viewing requires excellent reception. This PAL/SECAM (Russia only) TV tuner boasts a built-in 4-way antenna diversity system. Performance is excellent thanks to Pioneer's AN-G3 optional TV antenna. Combine this TV tuner with Pioneer's AV headunit models (AVH-P7500DVDII, AVH-P5700DVD, DVH-P5000MP or the AVIC-X1R) or use it as a stand alone application, combined with AVD-W6210 and/or AVD-W6200/AVD-W8000/AVX-7600. Anything is possible.

AVR-W6100 | 6.5" Wide Screen LCD Colour Display for Roof Mount

Your viewing comfort is our concern, whether you are in the front or the back seat. This 6.5" wide screen display is a roof mount screen that flips down and swivels left and right. This display complements the DVH-P5000MP (DVD/MP3 tuner), SDV-P7 (single-DVD player) or GEX-6100TVP (TV tuner). The infrared signal relay transmits control commands for hide-away video sources to the source units. The optional trim ring (AD-RM6100) is recommended for easy installation.

- Infrared headphone transmitter
- Remote control sensors
- 3 AV inputs
- Hook up a game console



SE-IRM250 | IR Headphones for AVR-W6100



Headphones are a necessity, no longer a luxury. These infrared headphones offer volume control and noise mute. Energy consumption is kept an eye on as well: the Auto Power function saves battery power after 3 minutes without input reception.

GEX-6100TVP | Optional TV Tuner for AVR-W6100



Missed your favourite TV show or sports match? No problem. The GEX-6100TVP is a PAL-only TV tuner designed for use with the AVR-W6100. A single channel antenna is included for optimum reception and can be monitored via remote control or the buttons on the AVR-W6100.

Features

GEX-P5700TVP
HIDE-AWAY PAL/SECAM TV TUNER

- PAL/SECAM TV tuner
- 12 station/band presets (12TV1/12TV2) by BSSM (Best Station Sequential Memory)

SYSTEM FEATURES

- Country setting: CCIR, Italy, United Kingdom, OIRT
- 4-channel diversity antenna system (with optional antenna kit AN-G3); CCIR, Italy, United Kingdom, OIRT
- Card-type remote control
- Built-in OSD
- Hide-away type
- Stand-alone capability (Source Mode/Stand-Alone Mode)

SYSTEM CONNECTION FEATURES

- IP-Bus input/output (controlled by AV headunit, AV system master and selected no. of Pioneer IP-Bus headunits)
- AV-Bus input/output
- RCA AV output (PAL/SECAM/Video & L + R Audio) for rear display

SPECIFICATIONS

TV TUNER:

- Reception channels/TV system: CCIR/B, G, H, L: VHF 2-12ch, UHF: 21-69ch, ITALY/B, G, H: VHF A-H2ch, UHF: 21-69ch, UK, Ireland/I: A-Kch, UHF: 21-69ch, OIRT/D, K: R1-R12ch, UHF: 21-69ch
- Colour system (TV): PAL/SECAM compatible
- Tuning: Preset/Seek/Manual up/down

AVR-W6100
6.5-INCH WIDE SCREEN LCD COLOUR DISPLAY FOR ROOF MOUNT

- 6.5-inch wide TFT active matrix LCD colour display
- High quality Anti Glare coating
- 2 RCA AV inputs (1 via standard AV remote cable)
- 1 optional extra RCA input with CD-AR600 AV remote cable
- 1 RCA AV output
- Power supply in
- Auto display brightness and backlight adjustment
- Remote control sensor
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)
- Wired headphone mini jack 2
- Dome light

SE-IRM250
IR HEADPHONES FOR AVR-W6100

- Cordless stereo headphone
- Infrared type
- Noise mute function
- Volume adjustment included
- Automatic Power Off function

GEX-6100TVP

- OPTIONAL TV TUNER FOR AVR-W6100**
- PAL TV tuner
 - 24 station presets (12TV1/12TV2) by BSSM (Best Station Sequential Memory)

SYSTEM FEATURES

- Country setting
- Picture colour/sharpness adjustment

SYSTEM CONNECTION FEATURES

- For AVR-W6100 cable output
- Antenna included

SPECIFICATIONS

TV TUNER:

- Reception channels/TV system: CCIR/B, G, H, K: VHF 2-12ch, UHF: 21-69ch, ITALY/B, G, H, K: VHF A-H2ch, UHF: 21-69ch, UK/IRE: UHF 21-69ch, OIRT/G, H, F, K: R1-R12ch, UHF: 21-69ch
- Colour system (TV: PAL, Video: PAL)

AVX-7600 | 7" Wide Screen In-dash Touch Panel Colour Display

This 7" in-dash motorised touch panel colour display is as versatile as they come. Combine it with a navigation system or video source for excellent added value. Add a Pioneer headunit, TV tuner, multi-CD player or even an extra DVD source unit and use it as a display for a complete AV system. The options are so vast, your every demand is met.

**AD-HM6200 |** Between Seats Mounting Kit for AVD-W6200

Of course rear seat passengers cannot be denied AV pleasure. The AD-HM6200 allows you to install the AVD-W6200 between the two front seats.

AVD-W6200 | High Quality 6.5" Wide Screen Display**AVD-W8000 |** 8" Wide Screen LCD Colour Display

Brilliant colour and clarity, this 8" wide screen LCD display has it in store for you. This display lets you enjoy the best from all angles. Pioneer's AVD-W8000: crisp, lifelike details in deep blacks, bright whites and lush colours.

AD-HM6002 | Headrest Mounting Kit for AVD-W6200

Use the AD-HM6002 to mount the AVD-W6200 display in the headrest and your rear seat passengers can delight in their favourite movie. Success guaranteed.

AVD-W6210 | High Quality 6.5" Wide Screen Touch Panel Display

Enjoy your favourite DVDs on the AVD-W6210, a 6.5" high quality wide screen display you can mount anywhere in the car: in the front headrest, from the roof for superb rear seat entertainment or between the two front seats* for increased flexibility. Or simply use it up-front as a handy extra display. The AVD-W6210** stands for fast, intuitive operation thanks to its touch panel display, ideal for a DVD Cyber Navi unit.

CD-VS33 | AV Selector

While one of your rear seat passengers loves the movies, the other might want to play a game. This AV selector meets everyone's demands: with 3 AV inputs and 3 outputs, each user can choose their own video source. You can even connect a camcorder or a game console. No need to worry about annoying game sounds or loud movie scenes: rear passengers can connect individual headphones to the stereo mini-jacks while you follow the navigation commands up front.

Features**AVX-7600****7-INCH WIDE SCREEN IN-DASH TOUCH PANEL COLOUR DISPLAY**

- 7-inch wide TFT active matrix LCD colour display
- Touch panel operation
- Anti Glare coating
- Fully motorised display with auto dimmer and free-adjustable viewing angle
- RGB input for navigation
- AV-Bus input
- 2 RCA Video input (PAL & NTSC Video): Visual IN1, Visual IN2 (for rear view camera)
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)
- Partially removable front panel with warning LED
- Dual button illumination
- Remote control sensor
- OSD

AVD-W8000**8-INCH WIDE SCREEN LCD COLOUR DISPLAY**

- 8-inch wide TFT active matrix LCD colour display
- High quality Anti Glare coating
- RGB input for navigation system (with optional cable CD-65 RGB)
- 2 RCA AV inputs (PAL/NTSC Video & L + R Audio) with S-Video

- 1 RCA AV output (PAL/NTSC Video & L + R Audio)
- Auto display brightness and backlight adjustment
- Remote control sensor
- Built-in high quality speaker (36mm) with volume control
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)

AVD-W6200**HIGH QUALITY 6.5-INCH WIDE SCREEN DISPLAY**

- 6.5-inch wide TFT active matrix LCD colour display
- High quality Anti Glare coating
- Built-in high quality speaker (36mm) with volume control
- 2 RCA AV inputs (PAL/NTSC Video & L + R Audio)
- 1 RCA AV output (PAL/NTSC Video & L + R Audio)
- Power supply in
- Auto display brightness and backlight adjustment
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)
- Semi-quick release mechanism
- Smoothly trimmed product edge for easy installation
- Optional installation kit available

AVD-W6210**HIGH QUALITY 6.5-INCH WIDE SCREEN TOUCH PANEL DISPLAY**

- 6.5-inch wide TFT active matrix LCD colour display
- High quality Anti Glare coating
- RGB input for Navigation system

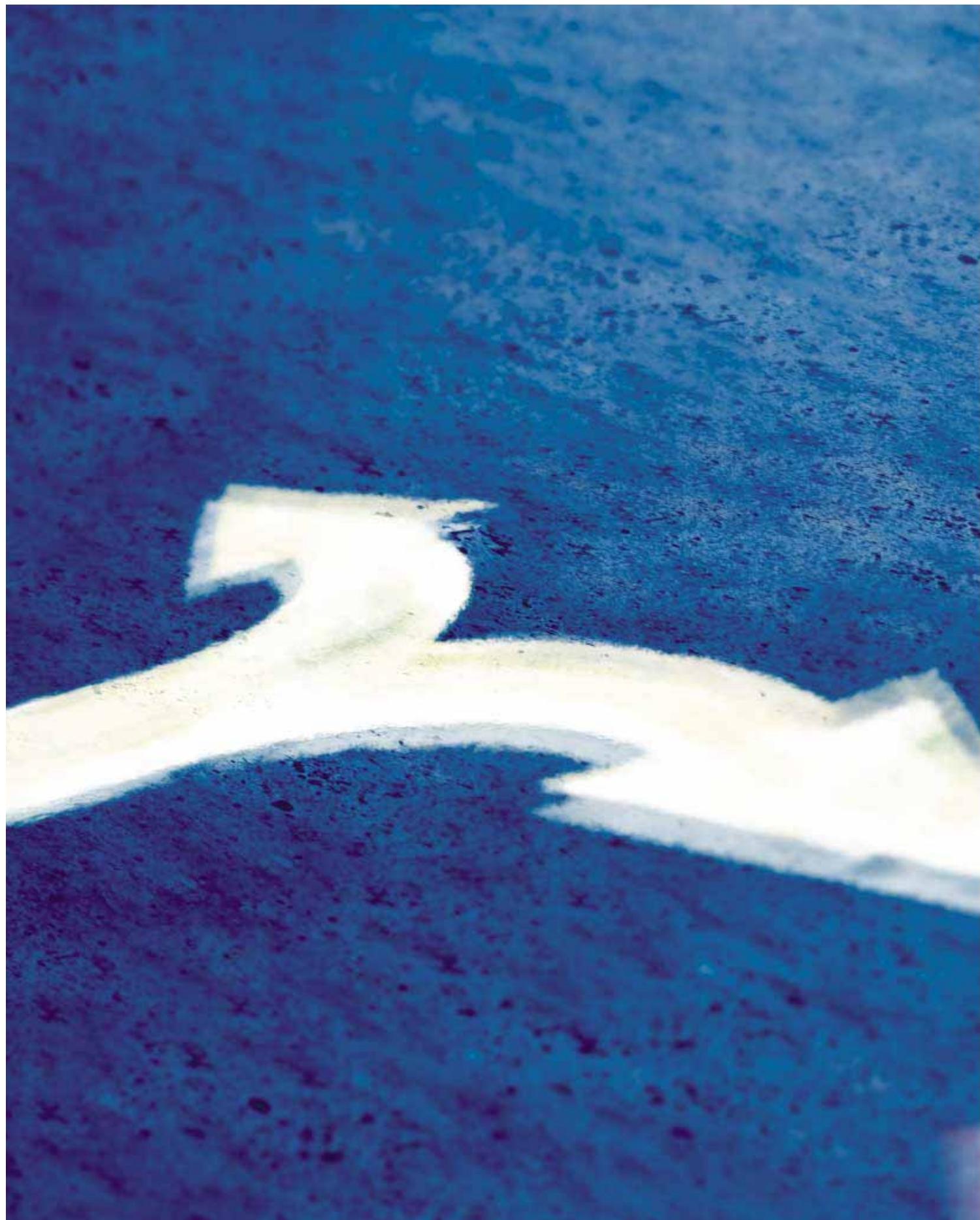
- 2 RCA AV input (PAL/NTSC Video & L + R Audio)
- (1 RCA AV input can be used as auto switching for the rear view camera ND-BC1)
- 1 RCA AV output (PAL/NTSC Video & L + R Audio)
- Auto Display brightness and backlight adjustment
- Remote Control sensor
- Built-in high quality speaker (36mm) with volume control
- Selectable wide screen mode (Just/Full/Cinema/Zoom/Normal)

CD-VS33**AV SELECTOR**

- 3 RCA AV outputs (PAL/SECAM/NTSC Video & L + R Audio) in hide-away box
- 2 RCA AV inputs (PAL/SECAM/NTSC Video & L + R Audio) in hide-away box
- 1 RCA AV input (PAL/SECAM/NTSC Video & L + R Audio) on the control panel
- 2 independent headphone outputs with volume control (AV out 1, AV out 3) on the control panel
- Audio/Video independent selector for 3 video source outputs
- Slim profile control panel

* For installation between the front seats, use the between seats mounting kit AD-HM6200. For installation in the headrest, the AD-HM6002 headrest mounting kit should be used.
** The AVD-W6210 has a special mounting kit for dashboard installation.

EXTRAS



Any Way

Love rock concerts? Wild about cinema surround sound? No need to stand in line for tickets or squeeze yourself in a crowded movie theatre. Pioneer brings the ultimate listening experience right to the comfort of your own car. Create an entire world of audio entertainment on wheels with our in-car stereo components. With decibel trusting amplifiers that thrill your senses and powerful subwoofers and speakers, all you have to do is relax and indulge yourself in amazing sounds. All our units are fully compatible for an endless array of options to customise your in-car entertainment and discover your perfect sound.

Pioneer offers the tools. The thrills and chills are yours to enjoy. Simply immerse yourself.



Entertain

Integrated In-car Entertainment



1 DVD Navigation AV Headunit AVIC-X1R.



2 Two rear screens (AVD-W6200) for total in-car screen installation flexibility.



3 Two rear speakers (e.g. e-motion TS-E2096) enhancing every sound performance with pure and accurate sound.



4 Two front speakers (e.g. e-motion TS-E176C) with a soft dome tweeter for great directivity and natural, smooth tones.



5 Multi-DVD player (XDV-P9-II) or multi-CD player (CDX-P670/CDX-P1270).



6 TV tuner (GEX-P5700TVP) boasting a built-in 4-way antenna diversity system.



7 Rear view camera (ND-BC1) to keep an eye on the road behind you.



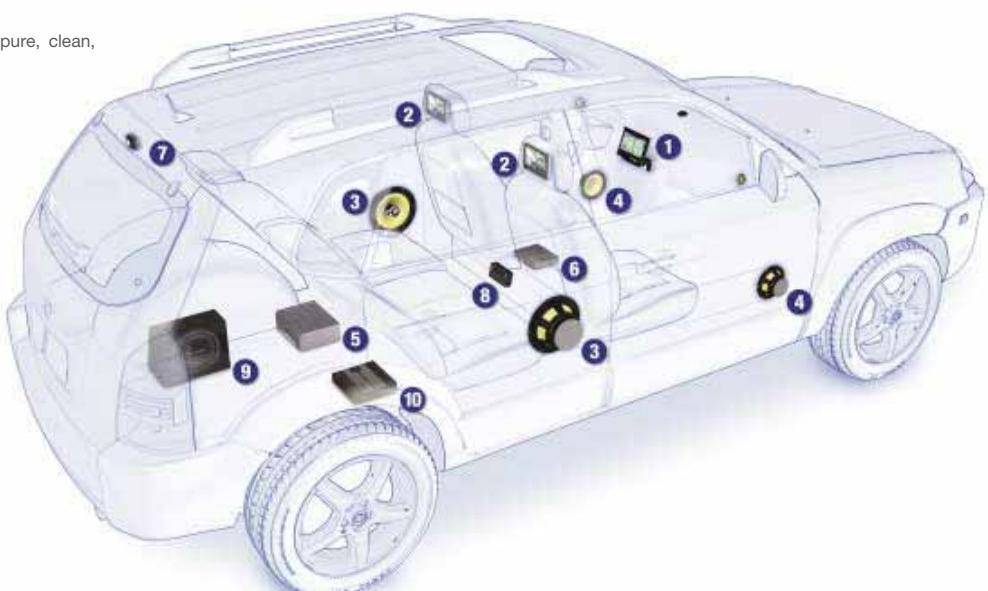
8 AV selector (CD-VS33) with 3 AV inputs and 3 outputs for users to choose their own video source.



9 Subwoofer (e.g. TS-W256C) to bring you all the punch and clarity you'll ever need.



10 Amplifier (e.g. GM-7100M) for pure, clean, distortion-free power.



Vibes

Amplifiers & Subwoofers

The difference between hearing and listening? Hearing involves only one of our senses, listening requires all of them. In short: listening is a way of feeling. Pioneer is fully aware of that and our complete line-up of high quality audio proves it. Turn your car into the most popular nightclub or dazzling disco, any time of the day. Loud music is one thing, the sound of an entire string orchestra is another. Pioneer stands for supreme quality audio systems.

Our competition winning, record breaking amplifier and subwoofer systems guarantee the clearest sound experience available. Forget hearing, from now on you'll only listen and feel.



Waves

Speakers

Hard rock, jazz, classical, blues, R&B...: music is a collection of the most diverse styles. Pioneer offers quality speakers for every possible sound. With the biggest choice of speakers on the market, we guarantee only the best of the best. Improve your already installed car audio system with Pioneer audio and submerge yourself in incredible

sounds. Delight in the smooth and luxurious design. Durable materials and cutting-edge technologies have made Pioneer the world's market leader in quality speaker systems.

Simply sound perfection.



For more details on our full range of amplifiers, subwoofers and speakers, please refer to the Pioneer website at www.pioneer-eur.com or ask your Pioneer dealer for the In-car Entertainment Guide 2005.

AD-GA10 | Off-set Installation Kit

For installing the AVIC-X1R, AVH-P7500DVDII, AVH-P5700DVD and AVX-7600 deeper into the dashboard if there is enough space available behind the unit.

CD-SC300E | Trunk/Boot Mount Extension Cable

This cable can be used to extend the 3m system cable between the AVIC-X1R's main and hide-away unit. Ideal when installing the hide-away unit in the trunk/boot of your car.

CD-IB100 | iPod Adapter

This adapter links iPod/iPod mini to the AVIC-X1R, AVH-P7500DVDII or AVH-P5700DVD and allows complete iPod control from your headunit. For on the go use, or if your iPod battery no longer holds a charge: everything you need, right here.

TS-CX7 | Centre Speaker for 5.1-Channel Sound

Centre speaker for 5.1-channel surround sound reproduction.



60W Max.

CD-SR100 | AV Steering Wheel Remote Control

This steering wheel remote control for Pioneer's AV headunits and standard audio headunits includes a Voice Trigger Key for Navigation System.

**CD-TS37GP | Navigation Voice Guidance Speaker**

Turn-by-turn instructions from a gentle voice? This add-on speaker lets you hear the navigation system's voice guidance instructions. It can be used with the AVIC-800DVD navigation system, combined with either an AVX-7600 display, an AVD-W6210 display (when it is mounted in such a way that its speaker is muffled), or an AVH-P5700DVD AV headunit combined with the DEQ-P6600 digital signal processor.

AN-G3 | TV Antenna

The AN-G3 diversity TV antenna with built-in booster improves signal reception, especially when signals are weak. Mountable on the inner side of the car window.

CD-RV1 | Rear Seat Remote Control for AVIC-X1R

Rear seat passengers might want some power too: this remote control offers them control over the basic DVD-Video functions of the AVIC-X1R.

CD-VC1 | Voice Command Pack for AVIC-X1R

'Hands on the wheel'. That's exactly what this command pack stands for. It includes microphone and steering wheel remote control (CD-SR11) and lets you freely operate the AVIC-X1R. Most functions can be controlled using the remote control. Further instructions can be given through the microphone.

**CD-SR11 | AV Steering Wheel Remote Control for AVIC-X1R**

Designed with safety in mind, this steering wheel remote control allows you to operate different AV/NAVI functionalities of the AVIC-X1R.

AD-RM6100G | Trim Ring for AVR-W6100

The optional AD-RM6100G trim ring is recommended to install the AVR-W6100.

CD-AR600 | AV Remote Cable for AVR-W6100

Gives an extra composite input on the AVR-W6100 and includes a remote control relay.

CD-65RGB | RGB Cable (6m)

Connects the navigation system to Pioneer's AVD-W8000 colour display.

CD-V61FM | FM Modulator

This FM modulator perfectly connects a video source (XDV-P9-II or SDV-P7) to any stereo FM receiver, including OEM headunits. Alternatively, you can connect the modulator to the AV output of the AVR-W6100 and listen to the sound over the system's speakers. Excellent audio quality* is yours thanks to the CD-V61FM's noise cancellation circuitry and wide audio bandwidth.

* Depends on the performance of the receiving tuner.

AN-TMC1 | Universal FM Antenna

Active transparent windshield antenna for optimal reception of TMC broadcasts on the AVIC-800DVD. Not required for the AVIC-X1R.

CD-AB50 | AV-Bus Cable (0.5m)

Connects SDV-P7 or XDV-P9-II to the new AVIC-X1R, the AVH-P7500DVDII or AVH-P5700DVD.

ND-BC1 | Universal Rear View Camera

This 'mirror image' NTSC high quality universal camera can be hooked up to Pioneer's AVIC-X1R, an AV headunit (AVH-P7500DVDII or AVH-P5700DVD) or a Pioneer display with camera input (AVD-W6210 and AVX-7600). Its compact size allows you to install it virtually anywhere.

**CD-AB300 | AV-Bus Cable (3m)**

Connects SDV-P7 or XDV-P9-II to the new AVIC-X1R, the AVH-P7500DVDII or the AVH-P5700DVD.

CD-AD600 | Optical Digital Cable (6m)

Optical digital cable to connect a multi-channel processor, such as the AVH-P5700DVD, SDV-P7 or XDV-P9-II to the DEQ-P6600.

CD-AB301E | AV-Bus Extension Cable (3m)

Extension of an AV-Bus cable.

CD-IP601E | IP-Bus Extension Cable (6m)

For Pioneer P-series headunit in-dash installation with SDV-P7.

CNDV-50MT | DVD Map Disc

Ready for an amazing update for your Pioneer touch screen operated navigation system? This DVD map disc for AVIC-800/900DVD and AVIC-X1R offers the complete Tele-Atlas map, 31 city maps, more than 1.6 million points of interest, an improved postal code search for the UK and the Netherlands and many more novelties for the ultimate in navigation.

NAVIGATION UNITS |

	AVIC-X1R	AVIC-800DVD
GPS RECEIVER		
System	L1,C/Acode GPS, SPS (Standard Positioning Service)	L1,C/Acode GPS, SPS (Standard Positioning Service)
Reception system	8-channel multi-channel reception system	8-channel multi-channel reception system
Reception frequency (MHz)	1,575.42	1,575.42
Sensitivity (dBm)	-130	-130
Frequency	Approx. once a second	Approx. once a second
COMMON		
Maximum current consumption (A)	10	2
Power source (V)	DC 14.4 (12.0 – 14.4 allowed)	DC 14.4 (10.8 – 15.1 allowed)
Ground type	Negative type	Negative type
GPS ANTENNA		
Antenna	Micro strip flat antenna/ right-handed helical polarisation	Micro strip flat antenna/ right-handed helical polarisation
Antenna cable (m)	5.0	5.0
DIMENSIONS		
Main unit (W x H x D mm)	178 x 50 x 160	178 x 50 x 178
Hideaway unit (W x H x D mm)	180 x 30 x 140	
GPS antenna (W x H x D mm)	33 x 13 x 36	34 x 13 x 36
Remote controller (W x H x D mm)	—	35 x 65 x 23.1 (steering remote)
WEIGHT		
Main unit (kg)	2.5	1.5
Hideaway unit (kg)	0.7	
GPS antenna (g)	105	105
Remote controller (incl. battery) (g)	—	51 (steering remote)

AV HEADUNITS |

	AVIC-X1R	AVH-P7500DVDII	AVH-P5700DVD
DVD/VIDEO-CD/CD PLAYER			
VIDEO			
Output level (mVp-p, 75Ω)			
	1,000 (DVD, sampling frequency 96kHz)	1,000 (DVD, sampling frequency 96kHz)	1,000 (DVD, sampling frequency 96kHz)
DISPLAY			
Screen size/aspect ratio	6.5-inch wide/16:9	7.0-inch wide/16:9	6.5-inch wide/16:9
Effective display area (mm)	144 x 76	154 x 87	144 x 77
Pixels	336,960 (1,440 x 234)	336,960 (1,440 x 234)	336,960 (1,440 x 234)
Display method	TFT active matrix driving	TFT active matrix driving	TFT active matrix driving
Colour system	PAL/NTSC	PAL/NTSC	PAL/NTSC/SECAM
AM/FM TUNER			
FM			
Frequency range (MHz)	87.5 – 108	87.5 – 108	87.5 – 108
Usable sensitivity (dBf/µV, 75Ω)	8/0.7	8/0.7	8/0.7
S/N ratio (dB)	75	75	75
Frequency response (Hz)	30 – 15,000	30 – 15,000	30 – 15,000
Stereo separation (dB)	45	45	45
MW			
Frequency range (kHz)	531 – 1,602	531 – 1,602	531 – 1,602
Usable sensitivity (µV)	18	18	18
LW			
Frequency range (kHz)	153 – 281	153 – 281	153 – 281
Usable sensitivity (µV)	30	30	30
AUDIO			
Frequency response (Hz)	5 – 44,000	5 – 44,000	5 – 44,000
S/N ratio (dB/1kHz)	97: DVD, 96: CD	97: DVD, 96: CD	97: DVD, 96: CD
Dynamic range (dB/1kHz)	95: DVD, 94: CD	95: DVD, 94: CD	95: DVD, 94: CD
GENERAL			
Max. output power (watts)	4 x 50	5 x 50	4 x 50
DIN output power (watts DIN 45324, +B = 14.4V)	4 x 27	5 x 27	4 x 27
Max. Pre-Out voltage (V/Ω)	2/100	5 (x 6-ch.)/100	4/100
Region number	2	2	2
Chassis size (W x H x D mm)	178 x 50 x 160	178 x 50 x 160	178 x 50 x 160
Unit weight (kg)	2.5	2.3	2.3
HIDE-AWAY UNIT			
Chassis size (W x H x D mm)	180 x 30 x 140	204 x 28 x 171	
Unit weight (kg)	0.7	0.8	

S p e c i f i c a t i o n s

TV TUNERS |

	GEX-P5700TVP	GEX-6100TVP
Reception channels/TV system	CCIR/B, G, H: VHF 2 – 12ch, UHF: 21 – 69ch, ITALY/B, G: VHF A – H2ch, UHF: 21 – 69ch, UK, Ireland/I: A - Kch, UHF: 21 – 69ch, OIRT/G, H, D, K: VHF R1 – R12ch, UHF: 21 – 69ch	CCIR/B, G, H: VHF 2 – 12ch, UHF: 21 – 69ch, ITALY/B, G: VHF A – H2ch, UHF: 21 – 69ch, UK, Ireland/I: A - Kch, UHF: 21 – 69ch, OIRT/G, H, D, K: VHF R1 – R12ch, UHF: 21 – 69ch
Colour system: TV	PAL/SECAM compatible*	PAL
Antenna input	4-ch diversity (Ø 3.5mm mini plug type)	Single channel (Ø 3.5mm mini plug type)
GENERAL		
Chassis size (W x H x D mm)	172 x 30 x 150	82 x 28 x 166
Unit weight (kg)	0.7	0.35

* SECAM Russia only

DVD/VIDEO-CD/CD PLAYERS |

	XDV-P9-II	SDV-P7	DVH-P5000MP
VIDEO			
Output level (mVp-p, 75Ω)	1,000 (DVD, sampling frequency 96kHz)	1,000	1,000 (DVD, sampling frequency 96kHz)
AUDIO*			
Frequency response (Hz)	5 – 44,000	5 – 44,000	5 – 44,000
S/N ratio (dB)	96: DVD, 99: CD	97: DVD, 96: CD	97: DVD, 96: CD
Dynamic range (dB/1kHz)	97: DVD, 96: CD	96: DVD, 95: CD	95: DVD, 94: CD
GENERAL			
Region number	2	2	2
Chassis size (W x H x D mm)	275 x 88 x 202	178 x 50 x 161	178 x 50 x 161
Unit weight (kg)	2.9	1.6	1.4

* With DVD at sampling frequency 96kHz

DISPLAYS |

	AVD-W8000	AVX-7600	AVR-W6100	AVD-W6210	AVD-W6200
DISPLAY					
Screen size/ aspect ratio	8.0-inch wide/16:9	7.0-inch wide/16:9	6.5-inch wide/16:9	6.5-inch wide/16:9	6.5-inch wide/16:9
Effective display area (mm)	178 x 102	154 x 87	154 x 87	154 x 87	143.75 x 76
Pixels	336,960 (1,440 x 234)	336,960 (1,440 x 234)	336,960 (1,440 x 234)	336,960 (1,440 x 234)	336,960 (1,440 x 234)
Display method	TFT active matrix driving	TFT active matrix driving	TFT active matrix driving	TFT active matrix driving	TFT active matrix driving
Colour system	PAL/NTSC compatible	PAL/NTSC compatible	PAL/NTSC compatible	PAL/NTSC compatible	PAL/NTSC compatible
GENERAL					
Chassis size (W x H x D mm)	222 x 133 x 37 (1) 156 x 95 x 38 (2)	178 x 50 x 165	260 x 50 x 280	188 x 114 x 37 (1) 104 x 85 x 26 (2)	188 x 114 x 32

(1) Display unit
(2) Hide-away unit

NAVIGATION |

3-D Gyro Sensor

The 3-D Gyro Sensor allows the navigation system to take measurements in three directions (height, speed and direction). It calculates inclines and detects special road features such as tunnels to pinpoint the driving position with utmost accuracy.

Memory Navi

This AVIC-X1R feature can hold over 400km of routing. Once the route is loaded, the DVD Map Disc can be exchanged for a single CD, MP3 CD or a DVD-Video disc.



Tele Atlas

Map coverage for the DVD Cyber Navi units has been vastly extended thanks to input from Tele Atlas, Pioneer's information provider.



TMC (Traffic Message Channel)

The built-in TMC receiver keeps you updated on current traffic events and suggests alternative routes.

AUDIO |



5.1-Channel Surround Sound

This cinema quality surround sound feature offers unsurpassed in-car 5.1-channel surround sound audio performance from encoded sources like the D4Q Digital AM/FM tuner, CDs, MP3s or DVDs.



ASL (Automatic Sound Leveliser)

ASL technology electronically and automatically adjusts volume and frequencies to mask varying degrees of exterior noise.



Auto EQ

Auto EQ is a powerful sound tuning feature which uses a microphone to monitor and analyse the acoustics inside the car. It then automatically adjusts the equalisation across the entire range of the music's frequency bandwidth to optimise the performance.



Auto Time Alignment

The Time Alignment feature adjusts the speaker sound output timing so the sound from each speaker reaches the driver's ears at the same time. Auto Time Alignment automatically estimates the delay from each speaker to the listening position and adjusts the Time Alignment accordingly.



Built-in DSP

Built-in DSP (Digital Sound Processor) uses digital technology to correct a vehicle's interior acoustics. The system also offers various sound fields to recreate different listening environments in your car (Studio, Jazz Club, etc.).



Direct Sub Drive

MOSFET 50 and EEQ+ can be used together to produce Direct Sub Drive. Whilst EEQ+ filters the rear channels output, the MOSFET 50 directly drives the subwoofers without an extra component amplifier. This system can also be used to drive 2-ohm speakers (1 x 70W) in the rear giving a 2 x 50W front and 1 x 70W subwoofer system.



EEQ+

EEQ (Easy Equaliser) + expands EEQ further with either a Low Pass Filter (LPF) or a LPF plus High Pass Filter (HPF), for onboard network capability.



Hi-Volt Pre-Outs

By providing a strong signal, with less noise and more definition, the Hi-Volt Pre-Outs reduce demand on the input circuit of the amps so they can work with lower gain settings, resulting in improved sound quality and a wider dynamic range.



MOSFET 50

Pioneer's MOSFET 50 power amp pumps out an impressive 50W of power in 4 (50W x 4) or in 5 (50W x 5) channels. Audio performance is boosted to ever-higher levels thanks to superior technologies. Audio distortion is minimised and the switching distortion that plagues conventional bipolar amps is completely eliminated.



SFEQ (Sound Focus Equaliser)

SFEQ lets you control bass and treble settings for front and rear independently for easy customisation of the total sound. Vocals can be brought to the front stage while bass performance is kept well balanced, producing a more natural effect.



SLA (Source Level Adjuster)

SLA independently adjusts the volume ratio between all of the headunit's sources (using the FM volume level as a reference), so the start-up volume between sources will always be the same.

CD |



CD-R/RW

All Pioneer CD headunits can play back CD-R/RW discs, allowing you to enjoy your favourite compilations in-car.



CD Text

The CD Text feature is used to view text information from a music compact disc (which has been encoded with CD Text data). By pushing the display key, you can scroll between disc titles, track titles and artist name.



Disc Title Memory

Disc Title Memory enables you to programme an up to 10-digit descriptive title to be displayed when a CD is selected. Up to 48 titles may be entered with many Pioneer Single-CD units and up to 100 titles with Pioneer Multi-CD Players.

Last Position Memory

Last Position Memory automatically resumes CD play from the last point after an interruption.



MP3

MP3 is a popular compression format that allows large amounts of audio files to be stored onto one CD-R/CD-RW disc.



WMA (Windows Media™ Audio)

WMA is a music compression format that runs on Microsoft Windows Media® technology. It uses the latest coding technologies to compress an original audio track, minimising file sizes while maintaining good audio quality even at rates as low as 64KB/sec.

TUNER |



D4Q

D4Q is Pioneer's digital AM/FM tuner. It uses a digital processing technique, which improves the audio performance and selectivity of the receiver, allowing you to enjoy high quality radio without interference.



Radio Text

By pressing the Radio Text button, text messages sent as RDS data are received. These messages scroll across the screen for convenient viewing, and can be stored in memory for review.



RDS

Pioneer has incorporated the "Non Interruption Philosophy" into the "Intelligent RDS Tuner" for improved network following (NF). Thanks to the sophisticated algorithms, the different programme alternative frequencies are screened out and continuous, uninterrupted listening pleasure is achieved.

DVD |



Dolby Digital

The current surround sound quality encoding standard, Dolby Digital, stands for in-car movie theatre sound performance.



Dolby Digital Pro Logic II

Dolby Digital Pro Logic II reproduces multi-channel surround sound from a variety of sound sources, to create the thrill of 5.1-channel surround sound even from 2-channel sources.



DTS

DTS 5.1-channel playback encoding technology is rapidly gaining popularity thanks to its dynamic sound impact.



DVD-Audio

The DVD-Audio format provides audio fidelity far superior to that of normal CDs. In addition to audio in stereo and multi-channel surround sound, DVD-Audio discs can hold artist bios, background information, lyrics and liner notes.



DVD-Video

This multimedia digital technology guarantees second-to-none picture quality. The ultra-sharp digital picture and surround sound bring impressive cinema into your car.

ERGONOMICS |



Dual Button Illumination

Dual Button Illumination denotes units that can switch front panel illumination colour between green and red to match the dashboard.



Soft Key Concept

The Soft Key Concept makes operation easier by making the functions more directly accessible. Button assignments change according to the source or function used.

SYSTEM CONTROL |



Aux-In

All Pioneer IP-Bus headunits allow the connection of external music sources (with RCA outputs) such as portable recorders, micro-cassettes, etc. through the MCD bus connection.

DAB control

Pioneer products with IP-Bus connectivity offer 2 levels of DAB control — Full and External (EXT) — for pure CD quality sound by digital radio. Full Control offers you the possibility to take full advantage of an optional DAB tuner, with convenient added features. EXT Control means you can control most DAB features.



Dual Zone

Many Pioneer AV products are Dual Zone ready, meaning the rear seat passengers can enjoy in-car entertainment from a different source (such as DVD-Video) than the driver and front seat passenger (radio, CD, DAB).



DVD Source Control

DVD Source Control allows Pioneer headunits with IP-Bus to control a hideaway DVD-(multi-)player.



IP-Bus

The IP-Bus connections on Pioneer headunits allow you to connect optional source units and create a truly mobile multimedia centre. You can easily add on a hide-away TV tuner or a DVD player with one of Pioneer's premium quality colour displays. A DAB tuner can also be connected for pure high quality digital radio. With the optional iPod adapter (CD-Ib100), you can also hook-up and control your iPod.



RCA Pre-Out

RCA Pre-Out is a standard connection system to carry sound from a headunit to an amplifier or equaliser. RCA Pre-Outs provide easy output for connection to an outboard amplifier.



Speaker Input for Hands-free Phoning

When the standard mini-jack cable from the hands-free car kit "speaker out" socket is plugged into the system, calls will come in directly through the main speakers and the source will mute to TEL. When the call is finished, the system automatically switches back to the source that was in use.



Touch Panel

Several Pioneer AV/Nav products and AV displays feature touch panel operation. Its easy-to-use interface allows you to control the entire in-car system just by touching the on-screen buttons. The touch screen technology is superfast, intuitive and precise, which makes it perfect to combine with a Pioneer navigation unit.



Touch Panel Ready

Pioneer navigation units with this logo were designed to be used with a Pioneer touch panel display. The Graphical User Interface works seamlessly with the display, for fast and intuitive operation.

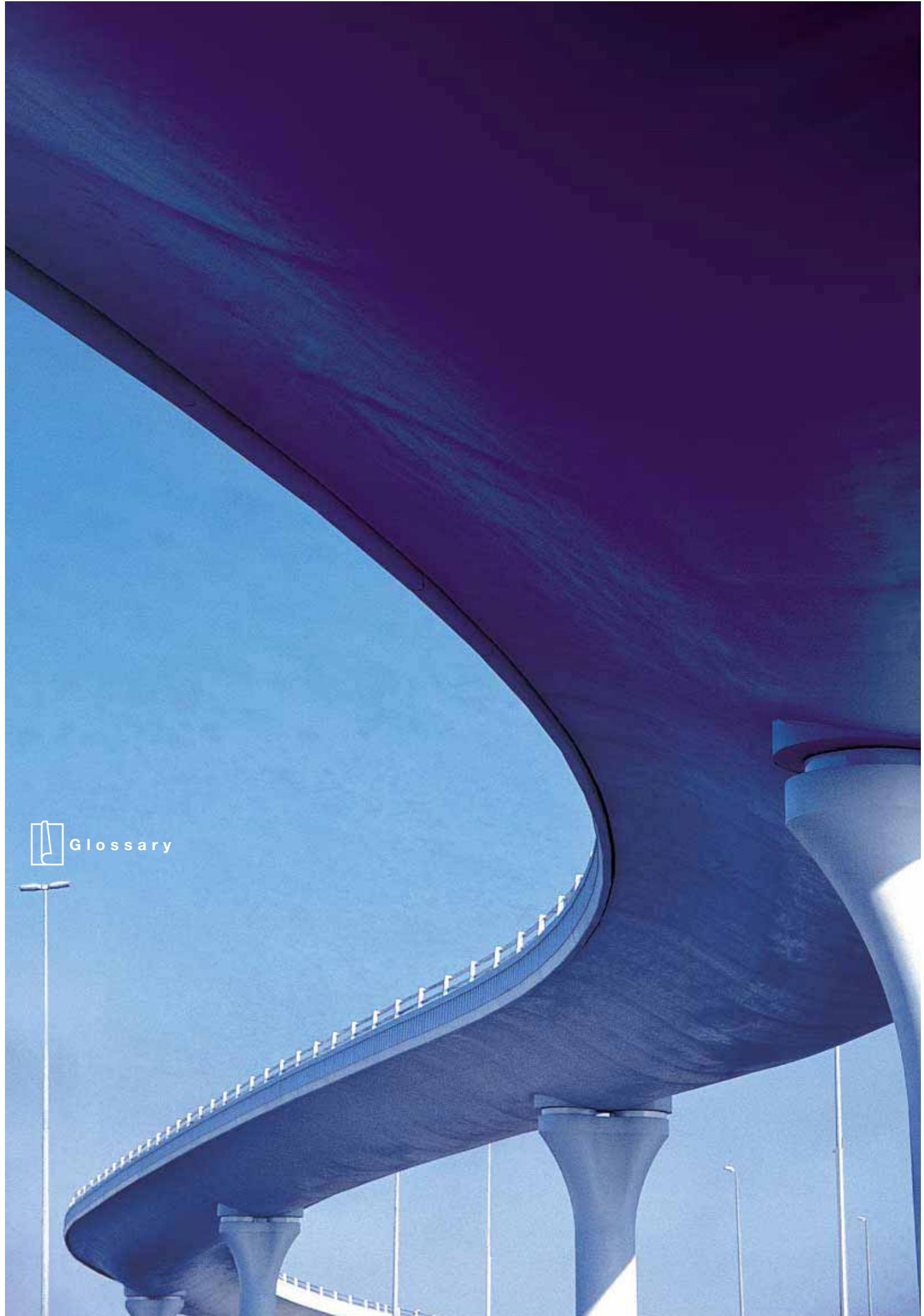


TV Control

TV Control allows Pioneer headunits with IP-Bus connectivity to control a hideaway TV tuner.



Glossary



AM/FM TUNER |

DVH-P5000MP

FM

Frequency range (MHz)	87.5 – 108
Usable sensitivity (dBf/μV, 75Ω)	8
S/N ratio (dB)	75
Frequency response (Hz)	30 – 15,000
Stereo separation (dB)	45

MW

Frequency range (kHz)	531 – 1,602
Usable sensitivity (μV)	18

LW

Frequency range (kHz)	153 – 281
Usable sensitivity (μV)	30

AUDIO

Frequency response (Hz)	5 – 44,000
S/N ratio (dB/1kHz)	97: DVD, 96: CD
Dynamic range (dB/1kHz)	95: DVD, 94: CD

GENERAL

Max. output power (watts)	4 x 50
DIN output power (watts: DIN 45324, +B = 14.4V)	4 x 27
Max. pre-out voltage (V/Ω)	2.2/100
Chassis size (W x H x D mm)	178 x 50 x 161

INFRARED HEADPHONE |

SE-IRM250

Type	Open type dynamic headphones
Carrier frequency (MHz)	R2.8; L2.3
Frequency characteristics (Hz)	25 – 18,000
Power source	3VDC (AAA-size battery x 2)
Distortion ratio	Under 2%
Channel separation	Over 30dB

GENERAL

Chassis size (W x H x D mm)	160 x 181 x 79
Unit weight (kg)	0.15

Pioneer World

Forget yesterday's limits, this is tomorrow's technology, Pioneer style.
So surround yourself with Pioneer – at work or play. You'll come alive. We promise.



Digital Home Cinema



Plasma TV



DJ Products



Computer Hardware

The excitement's all there – and more – at

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The Pioneer Corporation headquarter at Meguro and Tokorozawa plant have received ISO 14001 certification

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